



### MATERIAL SAFETY DATA SHEET

**HMIS:**

 Health- 1 Flammability- 1 Reactivity- 0 Pers.  
 Protection- N

**NFPA:**

 Health- 1 Flammability- 1 Reactivity- 0 Special Hazard-  
 N

WHMIS: Not regulated

#### Section 1: Product and Company Identification

Product: NILOGEL (Non-Chlorinated)      Synonyms: Nilogel, Non-Chlorinated

NILODOR, INC.

 10966 INDUSTRIAL PARKWAY NW  
 BOLIVAR, OHIO 44612, USA

Non-Emergency:

US 800-443-4321

International 010-330-874-1017

24 hr Emergency Spill Information:

Chem-Tel, Inc.

 US, Canada: 800-255-3924. International:  
 1-813-248-0584

#### Section 2. Hazards Identification

**EMERGENCY OVERVIEW**

Appearance/Odor:    Fine white powder

NOT Classified as hazardous by the criteria of NOHSC.

**WARNING**

Flammability :        Not classified as flammable

Health Hazards Listed : May be a mild irritant

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Likely Routes of Exposure: Skin, eyes

Eye:                    Direct exposure can irritate

Skin:                   Prolonged or repeated exposure can irritate

Ingestion:            Not expected to be a problem

Inhalation:           Not likely to be a problem

Medical Conditions Aggravated By Exposure:

Allergies to fragrances

Target Organs:        None known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Environmental Effects: (See section 12 for more information.)

None known

#### Section 3. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Sodium Polyacrylate	9003-04-7	40 - 60	N
Starch	9005-25-8	40 - 60	N

Section 4. First Aid Measures

- Eye Contact: Flush with copious amounts of clean water, holding lids apart. If irritation persists, consult a physician.
- Skin Contact: Wash with soap and water.
- Inhalation: Remove to fresh air.
- Ingestion: Give water or milk to drink if conscious.
- Note to Physicians: Forms a gel with liquids, including gastric fluid. Large quantities of water will spread gel into a slurry than can be rinsed out of eyes. Gel is soft.

Section 5. Fire Fighting Measures

- Suitable Extinguishing Media: Water, foam, carbon dioxide, dry chemical
- Unsuitable Extinguishing Media: None known
- Products of Combustion: Oxides of carbon and nitrogen
- Protection of Firefighters: As for surrounding fire

Section 6. Accidental Release Measures

- Personal Precautions: Keep away from skin and eyes
- Environmental Precautions: Keep out of surface waters.
- Methods for Containment: If slurry, dike with sand, clay or other suitable material. Gel or unwetted powder will not flow.
- Methods for Clean-Up: Scoop or shovel up for disposal.
- Other Information:

Section 7. Handling and Storage

HANDLING  
Keep dry and away from skin and eyes

STORAGE  
Keep in closed, original container at ambient temperatures (5-50°C)

Section 8. Exposure Controls/Personal Protection

- EXPOSURE GUIDELINES
- COMPONENT: TWA: LD-50
- Sodium Polyacrylate None established >5000 mg/kg
- Starch None established >5000 mg/kg
- Odor Counteractant NA NA
- Engineering Controls: Not normally necessary
- Eye/Face Protection: Protective goggles recommended if handling large quantities
- Skin Protection: Rubber or other protective gloves recommended if handling large quantities
- Respiratory Protection: Dust mask or respirator recommended if handling large quantities
- General Hygiene Considerations: Keep out of food and beverages

Section 9. Physical and Chemical Properties

- Color: White Odor: Spicy
- Physical State: Fine powder Odor Treshhold:
- pH: Not applicable Freezing Point: Not applicable
- Evaporation Rate: Not applicable Boiling Point: Not applicable
- Flash Point: Not applicable Flammability(solid,gas): Not considered flammable
- Upper Flammability Limit: Not determined Lower Flammabilty Limit: Not determined

Vapor Pressure: Less than 0.01 Torr at 20°C

Specific Gravity: Not applicable. Bulk density, tapped, not less than 0.45 g/mL

Vapor Density: Not determined

Auto-ignition Temperature: Not determined

Volatile Organic Compound (VOC),%weight:

Solubility (water): Forms gel with up to 100 times its mass; forms slurry with larger quantities of water

Less than 2%, all fragrance

Percent Volatile: Less than 2%, all fragrance

#### Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatible Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Extremely improbable

#### Section 11. Toxicology Information

##### ACUTE EFFECTS

Oral LD50: Not determined for mixture. Weighted average more than 1200 mg/kg.

Dermal LD50: Not determined. Weighted average more than 2 grams per kilogram.

Inhalation: Not determined. No components classified as toxic by inhalation at concentrations present. Weighted average more than 3 milligrams per Liter.

Eye Irritation: Direct contact can irritate eyes

Skin Irritation: Prolonged or repeated contact can irritate or dry skin

Sensitization: None known

##### CHRONIC EFFECTS

Carcinogenicity: None known

Mutagenicity: None known

Reproductive Effects: None known

Developmental Effects: None known

#### Section 12. Ecological Information

Ecotoxicity: None known

Persistence/Degradability: Biodegradable

Bioaccumulation/Accumulation: Not determined

Mobility in Environment: Not determined

#### Section 13. Disposal Considerations

Disposal: Dispose according to Federal, State and Local regulations

#### Section 14. Transportation Information

US DOT (ground)

Proper Shipping Description: Not a Hazardous Material

CANADA TDG (ground)

Proper Shipping Description: Not a Dangerous Good

ICAO (air)

Proper Shipping Description: Not a Dangerous Good

IMDG (water)

Proper Shipping Description: Not a Dangerous Good

#### Section 15. Regulatory Information

Global Inventories

TSCA: United States	Included
DSL: Canada	Included
ECL: Korea	Not-Known
PICCS: Philippines	Not-Known
ENCS: Japan	Not-Known
AICS: Australia	Included
IECS: China	Not-Known
EINECS: European Union	Included

SARA 313 Information : No SARA 313 substances present at reportable levels

California Safe Drinking Water and Toxic Enforcement Act of 1986 :(Proposition 65)

No Proposition 65 substances present

WHMIS: Canadian Workplace Hazardous Material Information System

Not regulated

Section 16. Other Information
-------------------------------

Refers to product made on or after 9 March 2006

Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

While we believe that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of tests conducted, the data are not to be taken as warranty or representation for which we assume legal responsibility. The information is offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with federal, state and local laws.